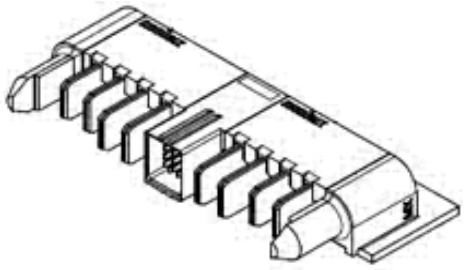
Part Number : 464371315
Product Description : 2.00mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 4 Power Circuits, 15 Signal Circuits, 4 Power Circuits
Series Number : 46437
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

464371315_sd.pdf

Symbol and Footprint (Multi-Format)

Specifications

AS-46436-100-001.pdf

PS-46436-100-001.pdf

464361000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	46437
Description	2.00mm, 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 4 Power Circuits, 15 Signal Circuits, 4 Power Circuits
Application	Board-to-Board, Power, Signal
Comments	See PS-46436-100 for details
Component Type	PCB Header
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	887191123066

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V AC / 250V DC

Physical

Breakaway	No
Circuits (Loaded)	23
Circuits (maximum)	23
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	10.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	28.633/g
Number of Rows	1, 5
Orientation	Right Angle
Packaging Type	Tray
PCB Retention	None
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.50mm, 3.28mm
Pitch - Mating Interface	2.00mm, 5.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	4p - 15s - 4p
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	SMC&WAVE

Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm, 2.50mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle with Guides, 4 DC Power Circuits, 15 HD Signal Circuits, 4 DC Power Circuits	465621232